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College of Saint Angela

CATALOGUE

College of Saint Angela

Catalogue 1909-1910-1911

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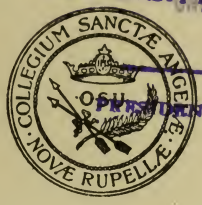

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NEW ROCHELLE
NEW YORK

THE FIRST COLLEGE
IN NEW YORK STATE FOR
CATHOLIC WOMEN

FOUNDED BY
THE URSULINE ORDER
JULY, 1904

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COLLEGE CALENDAR

1909

Examination for entrance.....September 20-22
College exercises begin at 5 P. M.....September 22
First Semester begins.....September 23
Feast of St. Ursula.....October 21
Feast of All Saints.....November 1
Feast of the Immaculate Conception.....December 8
Christmas vacation begins at noon.....December 22

1910

College exercises begin at 5 P. M.....January 5
Mid-year examinations begin.....January 24
Second Semester begins.....February 1
Spring vacation begins at noon.....March 23
College exercises begin at 5 P. M.....March 30
Baccalaureate Sermon .....May 29
Class Day .....May 30
College Play .....May 31
Commencement Day .....June 1
Senior Promenade .....June 2
Semester examinations .....June 6
Examinations for entrance.....September 24-26
College exercises begin at 5 P. M.....September 26
First Semester begins.....September 27
Feast of St. Ursula.....October 21
Feast of All Saints.....November 1
Feast of the Immaculate Conception.....December 8
Christmas vacation begins at noon.....December 21

1911

College exercises begin at 5 P. M.....January 4
Mid-year examinations begin.....January 23
Second Semester begins.....February 1
Spring vacation begins at noon.....April 12
College exercises begin at 5 P. M.....April 19
Baccalaureate Sermon .....May 28
Class Day .....May 29
Commencement Day .....May 31
Senior Promenade .....June 1
College Play .....June 2
Semester examinations .....June 5
Examinations for entrance.....September 25-27
College exercises begin at 5 P. M.....September 27
First Semester begins.....September 28
Feast of All Saints.....November 1
Feast of the Immaculate Conception.....December 8
Christmas vacation begins at noon.....December 21

FACULTY

Reverend Michael C. O'Farrell, - - President

Reverend Thomas P. McLoughlin, S.T.L., Vice-President

Reverend M. Irene, - - - - - - Dean

M. Theresa, R.S.U., - Directress Extension Department

Reverend Patrick A. Halpin, - Professor of Philosophy

John Greene, - - - - Professor of History
(Vice-President Board of Education, New York City)

Louise Emery Tucker, - - Professor of Education
(A.B., Adelphi; A.M., Columbia; Principal Public School No. 163, Manhattan, New York City)

Marion Bush, - - - - Professor of English
(A.B., Western Reserve University)

John Alfred Brewster, - - Professor of Economics
(A.B., Harvard)

John G. Agar, L.L.B., - - - Professor of Law

Thomas Manning, M.D., - - Professor of Biology
(Bellevue Medical College)

John A. Ryan, - - - - Professor of Science
(A.M., St. Francis Xavier; A.B., and Ph.D., Fordham)

Frances E. Fay, - - - Professor of Elocution
(Boston School of Oratory)

Ricardo Manrique, - Professor of Physical Training
(Instructor Savage School of Gymnastics)

Anna T. McLoughlin, - Professor of Mathematics
(A.B., St. Angela; A.M., Columbia)

Mary W. Gill, A.B., - Professor of French and German

NOTE: Reorganization of the Classical Department and of the Department of Music, will necessitate the later announcement of professors in these departments.

COLLEGE OFFICIALS

Reverend Michael C. O'Farrell, - - President
Reverend Thomas P. McLoughlin, S.T.L., Vice-President
Reverend M. Irene, - - - - - - Dean
Reverend M. Seraphine, R.S.U., - - Secretary
Reverend M. Aloysius, R.S.U., - - - Treasurer
M. Ignatius, R.S.U., - - - - Registrar

BOARD OF TRUSTEES

Adrian Iselin, Jr., - - - - - President
Judge Martin J. Keough, L.L.B., - Vice-President
Edward J. McGuire, L.L.B., - - - Secretary

John D. Crimmins,
Judge Edward E. McCall,
John G. Agar, L.L.B.,
Conde B. Pallen, Ph.D.,
DeLancey Kane,
William Lummis, L.L.B.,
Thomas M. Mulry,
John Greene,
Judge Luke D. Stapleton,
Judge Morgan J. O'Brien,
Senator W. Bourke Cochrane,
William H. Buckley, L.L.B.,
William E. Iselin,
Robert J. Collier,
James Byrne,
William F. Sheehan,
Andrew J. Shipman,
John W. Devoy,
Nelson Hume, A.M.

FOUNDATION

THE College of Saint Angela was founded at New Rochelle in July, 1904, by the Ursuline Nuns of Saint Teresa. The University of the State of New York approved the establishment of the college and granted it power to confer degrees equal to those given by the other colleges of the State.

This college was established and is maintained for the sole object of furnishing means and facilities for the higher education of young women. The college interprets the term, "Higher Education of Women," as meaning such stimulation and promotion of the physical, intellectual and moral growth and development, as shall result in complete womanhood. The college ideal of its graduates is that of a woman of culture, of efficiency, and of power—a woman capable of upholding the noblest ideals of the home and of the church, and possessed of the training that shall make her an efficient worker in society and in the professional world.

LOCATION

New Rochelle, situated on Long Island Sound, about eighteen miles from New York City and one of its most attractive suburbs, is famous for its beautiful scenery and historic associations. The climate is tempered by the breezes of the Sound in summer. The abundance of trees, the conformation of the ground, broken by hills and valleys, give protection against the winds of winter.

New Rochelle has excellent facilities of transit, by train and by trolley. It can be reached by train from New York in about thirty-five minutes. This convenient nearness secures to its students the social and educational advantages of the great metropolis.

EQUIPMENT

The college consists of a large campus, upon which are

located College Hall, a gymnasium and laboratory building, and six cottage dormitories.

College Hall is the historic building known as Leland Castle. It contains a chapel, a large assembly hall, reception parlors, reading rooms, and reference and college libraries.

The gymnasium and laboratory building, erected in 1907, is of stone. It represents the most approved modern type of college building. It contains recitation rooms, gymnasium, chemical and physical laboratories. The recitation rooms are large, airy and well-lighted. The gymnasium is equipped with all necessary apparatus for the Swedish and Delsarte systems. On the campus is a well-graded athletic field.

The laboratories are equipped with up-to-date fittings for experimental work, both in physics and in chemistry.

The cottage dormitories are large and comfortable. They are so arranged and managed as to surround the students with a healthy home atmosphere. Each dormitory is presided over by two religious.

ROOMS

Early application for rooms is desirable, as they are assigned to students in the order of application. Five dollars should be sent with the application. This sum is deducted from the tuition bill of the following term. If notification that the room is not desired is sent one month before the college term opens, this deposit will be returned. An extra charge is made for meals sent to students' rooms.

FEES

Matriculation Fee	$ 5
Tuition	120
Board (including plain laundry)	280
Laboratory Fee	10
Instruction on Piano and use of instrument	70
Vocal Music	100
Painting	70

Riding (20 ring lessons and 15 road lessons, accompanied by chaperone)..... 75
Day Students 120
Luncheon 50
Note:—All bills payable semi-annually in advance.

AVAILABLE SCHOLARSHIPS

Forty scholarships have been founded. Ten of them are available each year. They are all tuition scholarships of the value of $480—$120 per year. They entitle the holders to free tuition for the four years' course. Five of them are known as the Ursuline scholarships and five as the Saint Angela scholarships.

The Ursuline scholarships are filled by those nominated by the Superiors of Ursuline houses throughout the world. The Saint Angela scholarships are assigned to applicants who are graduates of any high school, whether public, private, parochial or denominational.

FOUNDING OF SCHOLARSHIPS

Yearly scholarships may be founded by the annual payment of the following amounts:

Tuition Scholarships $120
Board Scholarships (including all expenses except books) 280
Full Scholarships (Tuition and Board)..... 400

Perpetual scholarships may be founded by paying to the College the following sums:

Perpetual Tuition Scholarships.....$3,000
Perpetual Board Scholarships..... 7,000
Perpetual Full Scholarships.....10,000

The money must be given without restriction to the College.

The founder of a scholarship is entitled to fill it during his or her lifetime. At the death of the donor, the right to fill it reverts to the Faculty of the College. The names of these scholarships may be given by the founders.

The O'Farrell Scholarship, founded by Rev. Michael C. O'Farrell, Rector of the Church of the Holy Innocents, New York City.

The Iselin Scholarship, founded by Mr. Adrian Iselin, Jr.

The William H. Buckley Scholarship, founded by Mr. Buckley, of Albany, N. Y.

The Dramatic Society Scholarship, founded by the Dramatic Society of the College, open to students of Catholic High Schools.

It is hoped that more scholarships will be founded. Already many applicants have appeared to whom the gift of a scholarship would mean a college education. Further information concerning the founding of scholarships may be obtained upon application to the Dean, College of Saint Angela, New Rochelle, New York.

ADMISSION OF STUDENTS

Each applicant for admission to the College of Saint Angela must fill out and return a registration blank which will be furnished upon application to the Registrar.

Students are admitted without examination to the Freshman Class of the College of Saint Angela upon presentation of certificates from:

1. The College Entrance Examination Board,
2. A high school or academy approved by the Faculty of the College, and
3. The Regents of the State of New York.

All high schools and academies desiring the privilege of having their students admitted by certificate, and without examination, may obtain blank forms upon application to the Registrar.

Students who are not equipped with certificates mentioned under 1, 2, or 3, may present themselves for examination, at the College, on the date specified in the College

Calendar in September, or at the College Entrance Board Examinations in June.

The examinations will be in the following subjects:

English.

Latin.

One additional language (French or German or Greek).

Mathematics.

Science (Physics or Chemistry or Biology. Each of these sciences must include laboratory practice).

Candidates offering certificates for any science should present laboratory records which must be certified by the instructor.

REQUIREMENTS FOR ADMISSION

The requirements for admission to the freshman class include subjects aggregating fifteen points. A point represents such an amount of preparation in one subject as is ordinarily completed during a school year, with five recitation periods per week.

All candidates must present English (three points), Latin (four points), Mathematics (three points), History (one point), a second language, Greek, French or German (three points), Physics or Chemistry or Biology (one point), or a third language (German or French), (one point).

SPECIFICATIONS OF REQUIREMENTS

ENGLISH

The student is required to write one or more paragraphs on each of several subjects chosen from a much larger number, mentioned on the examination paper. The questions on the books prescribed for study and practice, call for more detailed treatment than those on the books prescribed for reading.

The recommendations of the Conference on Entrance Requirements in English, which are given below, indicate clearly the general policy of the colleges in regard to entrance English. They emphasize the demand that every candidate for admission to college must be able to write good English and that her knowledge of the prescribed tests advance from a general knowledge of substance, in the case of the books set for reading, to a somewhat minute technical knowledge, in the case of those set for study. In order to accomplish these ends, the study of the texts prescribed should, throughout, be connected with the student's writing, and frequent and regular exercises in writing should be continued from the beginning to the end of her course. No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, grammar, idiom or paragraphing. Entrance Requirements in English.

ONE. The Books Prescribed for Reading and Practice in 1909, 1910, 1911 and 1912 are:

Group 1. (Two to be selected.) Shakespeare's "As You Like It," "Henry V," "Julius Caesar," "The Merchant of Venice" and "Twelfth Night."

Group 2. (One to be selected.) Bacon's Essays; Bunyan's "The Pilgrim's Progress," Part I; "The Sir Roger de Coverley Papers" in "The Spectator"; Franklin's "Autobiography."

Group 3. (One to be selected.) Chaucer's "Prologue"; Spenser's "Faerie Queen," (In 1909, 1910, 1911, selections; in 1912, Book I); Pope's "The Rape of the Lock"; Goldsmith's "The Deserted Village"; Palgrave's "Golden Treasury" (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper and Burns.

Group 4. (Two to be selected.) Goldsmith's "Vicar of Wakefield"; Scott's "Ivanhoe" and "Quentin Dur-

ward''; Hawthorne's ''The House of the Seven Gables''; Thackeray's ''Henry Esmond''; Mrs. Gaskell's ''Cranford''; Dickens's ''A Tale of Two Cities''; George Eliot's ''Silas Marner''; and Blackmore's ''Lorna Doone.''

Group 5. (In 1909, 1910 and 1911 two to be selected; in 1912, one to be selected.) Irving's ''Sketch Book''; Lamb's ''Essays of Elia''; DeQuincey's ''Joan of Arc'' and ''The English Mail Coach''; Carlyle's (in 1909, 1910 and 1911) ''Heroes and Hero Worship,'' (in 1912) ''The Hero as Poet,'' ''The Hero as Man of Letters'' and ''The Hero as King''; Emerson's Essays (Selected); and Ruskin's ''Sesame and Lilies.''

Group 6. (Two to be selected.) Coleridge's ''The Ancient Mariner''; Scott's ''The Lady of the Lake''; Byron's ''Mazeppa'' and ''The Prisoner of Chillon''; Palgrave's ''Golden Treasury'' (First Series), Book IV, with special attention to Wordsworth, Keats and Shelley; Macaulay's ''Lays of Ancient Rome''; Poe's Poems; Lowell's ''The Vision of Sir Launfal''; Arnold's ''Sohrab and Rustum''; Longfellow's ''The Courtship of Miles Standish''; Tennyson's (in 1909, 1910 and 1911) ''Gareth and Lynette,'' ''Launcelot and Elaine'' and ''The Passing of Arthur,'' (in 1912) ''The Princess''; Browning's ''Cavalier Tunes,'' ''The Lost Leader,'' ''How They Brought the Good News from Ghent to Aix,'' ''Evelyn Hope,'' ''Home Thoughts from Abroad,'' ''Home Thoughts from the Sea,'' ''Incident of the French Camp,'' ''The Boy and the Angel,'' ''One Word More,'' ''Hervé Riel'' and ''Pheieippides.''

TWO. The Books Prescribed for Study and Practice in 1909, 1910 and 1911 are: Shakespeare's ''Macbeth''; Milton's ''Lycidas,'' ''Comus,'' ''L'Allegro'' and ''Il Penseroso''; Burke's ''Speech on Conciliation with America,'' or ''Washington's Farewell Address'' and ''Webster's First Bunker Hill Oration''; Macaulay's ''Life of Johnson'' or Carlyle's ''Essay on Burns.''

In 1912: Shakespeare's "Macbeth"; Milton's "Comus," "L'Allegro" and "Il Penseroso" or Tennyson's "Gareth and Lynette," "Launcelot and Elaine" and "The Passing of Arthur"; Burke's "Speech on Conciliation with America" or "Washington's Farewell Address" and "Webster's First Bunker Hill Oration" and Carlyle's "Essay on Burns."

The following are the recommendations of the Conference on Uniform Entrance Requirements in English for the years following 1908:

(a) **Reading and Practice.** A certain number of books will be recommended for reading, ten of which, selected as prescribed above, are to be offered for examination. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate, from a considerable number—perhaps ten or fifteen—set before her in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and calls for only a general knowledge of the substance of the books. In every case, knowledge of the book will be regarded as less important than the ability to write good English. In place of a part or the whole of these tests, the candidate may present an exercise book, properly certified by her instructor, containing compositions or other written work, done in connection with the reading of the books. In preparation for this part of the requirement it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

(b) **Study and Practice.** This part of the examination presupposes the thorough study of each of the works named above. The examination will be upon subject-matter, form and structure. In addition, the candidate may be required to answer questions involving the essentials of English grammar and questions on the leading facts in those periods of

English literary history to which the prescribed works belong.

MATHEMATICS

(a) Algebra, through quadratics and progressions.
(b) Plane Geometry, five books.

HISTORY

(a) Ancient History to 800 A. D., or
(b) English History, United States History and Civil Government.

GREEK

Minor Requirements: Grammar Four Books of Xenophon's Anabasis.

Major Requirements: In addition to the minor requirements, three books of Homer's Iliad. Standard prose composition.

LATIN

Preparation should include a thorough knowledge of the grammar of the language and prose composition, based upon the books read. The vocabulary should be sufficiently wide to enable the student to do sight reading in Latin of average difficulty.

Required Reading: Caesar's Gallic War, four books; Cicero, six orations; Vergil's Aeneid, six books.

FRENCH

Elementary Requirements. (a) Grammar: A knowledge of the fundamental principles of grammar is required. Special attention to the inflections of nouns and adjectives, the use of pronouns, the conjugation of regular and the common irregular verbs and the elementary rules of word order. (b) Translation: Ability to translate at sight easy French prose into English.

Minor Requirements. Grammar: A knowledge of the correct use of all pronouns, of moods and tenses of all verbs, regular and irregular, familiarity with the essentials of French syntax and with the common idiomatic phrases. Ability to translate at sight standard modern French, also to change English into French.

Major Requirements. In addition to the elementary requirements in grammar, the student will be required to have a more complete knowledge of syntax, as well as a correct application of the rules of a free use of the idiomatic expressions. Ability to translate at sight into French a paragraph of ordinary English.

GERMAN

Elementary Requirements. The essentials of German grammar, the declension of articles, nouns, adjectives and pronouns, the conjugation of weak and strong verbs, simple and compound, the use of the common prepositions and the elements of syntax. Ability to translate English into German; ability to read German prose and to translate it into good English.

Minor Requirements. In addition to the elementary requirements, a knowledge of the essentials of syntax, the main uses of the article, of the common adverbs and conjunctions, especially the use of modal auxiliaries, and of the subjunctive and infinitive moods; ability to translate at sight easy descriptive and narrative German prose into good English.

Major Requirements. More thorough familiarity with the less usual strong verbs, auxiliaries of all kinds, tenses and moods, especially subjunctive, infinitive and participle constructions, with the uses and meanings of the principal prefixes and suffixes; ability to translate at sight ordinary English into correct German.

CHEMISTRY

The study of a standard text-book, a thorough knowledge of the most important laws and facts of elementary chemistry. A laboratory note book, containing the account of at least forty exercises done by the student, must be presented.

PHYSICS

The study of a standard text-book supplemented by the use of many numerical problems. Individual laboratory work, comprising at least thirty-five experiments. A properly certified laboratory note book must be presented.

SPECIAL STUDENTS

The requirements for admission to special courses are the same as those for entrance to the freshman class. Students who present satisfactory testimonials of their proficiency may be received without examination. Certificates for the work completed will be given when desired.

COLLEGE ENTRANCE EXAMINATION BOARD

The regular June examinations of the college have been replaced by the examinations of the College Entrance Examination Board. Students who desire to enter the college by taking those examinations may write to the Registrar for **Document 40**, which indicates the field covered by these examinations.

ADMISSION TO ADVANCED STANDING

Candidates for advanced standing who do not present records from other colleges must fulfill the requirements for admission to the Freshman class. They will be examined in the studies already pursued by the class which they wish to enter. For sufficient reasons, credit will be given for

work done under approved instruction during the summer vacation or in the Summer Session of this college.

Students from other colleges who wish to enter an advanced class must present an official statement of their entrance and college records, a marked catalogue of the college from which they come indicating the courses taken. One year of residence work is required for a degree.

COURSES OF INSTRUCTION

REQUIREMENTS FOR THE DEGREE OF A. B.

Each candidate for the degree Bachelor of Arts must make 120 points. A point signifies the satisfactory completion of work requiring attendance at class one hour a week, or in the laboratory two hours a week, for one semester or half year. Studies are either prescribed or elective. All prescribed studies except Philosophy, Economics, Sociology and some Education must be taken in the first three years. Conditions for unsatisfactory work are given by the professors, in their departments. If more than one condition is merited by any student during the term, parents or guardians are notified.

PROGRAM OF STUDIES

The following courses are prescribed for all candidates for the degree A. B. English (I), eight points. English (II), six points. English (III), four points. Latin (I), six points. Latin (II), six points. History (I), four points. Economics (I and II), eight points. Mathematics (I), six points. Mathematics (II), four points. French or German, six points. Physics or Chemistry, six points (two of lecture and four in laboratory work). Education, sixteen points. Religion, eight points. Philosophy, six points. Physical Training, four points. In addition to the prescribed work,

eighteen points must be made in a major subject. The remaining points, to complete the total 120, may be given to free electives.

COLLEGE COURSES

ENGLISH

MARION A. BUSH, A.B.,
Professor of English

Course 1. Composition and Rhetoric based on Barrett Wendell's English Composition.

Entire year. Four hours. Eight points.

Course 2. Theory and Practice of short story writing.

Entire year. Four hours. Three points.

Course 3. Theme Writing. In connection with this course in personal expression, diaries, letters and familiar essays will be read, including Pepys, Evelyn, Swift, Chesterfield, Frances Burney, Cowper, Addison, Lamb and Thackeray. Two short themes every week will be required of each member of the class. Opportunity will be given for criticism by the class, and appointments will be made for individual conferences with the instructor. Required.

One-half year. Three hours. Three points.

Course 4. A study of the historical development of English poetry, with consideration of verse forms and meters. Translations from Latin, French and German poetry will be required. Required.

One-half year. Three hours. Three points.

ELECTIVE COURSES IN ENGLISH

The following courses will be open to Juniors and Seniors, unless limitation is indicated.

Course 5. The English Novel. History of the rise and development of the English novel from its beginning to the

nineteenth century. Readings, lectures and critical papers; text-book, Cross's **Development of the English Novel.**

One-half year. Three hours. Three points.

Course 6. The Drama. The rise and development of the drama, from the Mystery Plays through Shakespeare.

One-half year. Three hours. Three points.

Course 7. Shakespeare.

One-half year. Three hours. Three points.

Course 8. The Period of Queen Anne. A study of the principal writers, both in prose and poetry, from the death of Dryden to the death of Swift.

One-half year. Three hours. Three points.

Course 9. The Romantic Movement of the Eighteenth Century. A history of English poetry from 1760 to 1830. Readings from Burns, Wordsworth, Coleridge, Scott, Byron, Shelley, Keats and others. Critical papers.

One-half year. Three hours. Three points.

Course 10. Nineteenth Century Prose. Carlyle, Ruskin, Matthew Arnold, Newman, Thackeray, George Eliot and others.

One-half year. Three hours. Three points.

Course 11. Nineteenth Century Poetry. Tennyson, Browning, Mrs. Browning, Matthew Arnold, Arthur H. Clough and other poets.

One-half year. Three hours. Three points.

Course 12. American Literature. Historical development of English literature in America, from its beginning to the present day.

One-half year. Three hours. Three points.

Course 13. Argumentation. (Seniors.) Principles of Argumentation. Study of masterpieces. Forensics preceded by briefs.

One-half year. Three hours. Three points.

Course 14. History of English Language and Literature from its beginning to the present day.

ELOCUTION AND VOICE TRAINING

FRANCES E. FAY
(Boston School of Oratory)
Professor of Elocution and Voice Training

Course 1. Enunciation and Training of Voice, with special reference to clear direct giving of the thought. Body poise and bearing. Required of all Freshmen.

Course 2. Reading of Shakespeare; analysis of characters; reading: scenes selected for memorizing and acting.

Course 3. The Emotional Expression; quality; force; pitch, time, pause, rhythm, reading of poetry.

Course 4. Study of Imagination in Expression. Open only to students who have taken courses 1 and 2.

GREEK

Professor and Instructor to be Announced

Course 1. Lysias. Selected Orations. Plato. Apology and Crito; translation at sight from **Phaedro** and Symposium Xenophon. Selections from Memorabilio. Written exercises in syntax and translation from English into Greek.

Three hours, throughout the year. Six points.

Course 2. Demosthenes. Oration on the Crown. Lectures will be given on the development of oratory. These will be supplemented by Jebb's **Selections from the Attic Orators.**

Open to students who have completed course 1.

Three hours, first semester. Six points.

Course 3. Homer. Selections from the Iliad and from the Odyssey. Rapid reading. Lectures on Homeric life and antiquities; origin of Epic Poetry; the Homeric question.

Open to students who have completed course 1.

Three hours, second semester. Six points.

Course 4. Greek Drama. Reading and criticism of selected dramas of Aeschylus, Sophocles, Euripides, Aristophanes. This course is designed to give a general view of Greek drama, both tragedy and comedy. A special study

is made of the Greek theatre and the origin and development of the drama.

Open to students who have completed courses 1 and 2.

Three hours throughout the year. Six points.

Course 5. History of Greek Literature. Lectures with collateral reading. Open to Juniors and Seniors.

Three hours, first semester. Three points.

Course 6. Greek Historians. Selections from Herodotus, Thucydides.

Open to students who have completed courses 1 and 2.

Two hours, second semester. Two points.

Course 7. Greek Lyric Poetry. Selections are read from the elegiac, iambic and lyric poets.

Open to students who have completed three courses.

Two hours, first semester. Two points.

Course 8. Review of Preparatory Greek. This course is designed for those who intend to teach Greek. Emphasis will be laid upon the principles of Greek grammar, with a careful review of the required entrance reading and methods of teaching Greek language and literature.

Open to students who have completed three courses.

Three hours, second semester. Three points.

Course 9. Greek Prose Composition. Not open to students who have received conditions in composition connected with I.

One hour, throughout the year. Two points.

LATIN

Professor of Latin to be Announced

M. M. Loyola, Instructor

Course 1. Livy. Books XXI and XXII.

One-half year. Three hours. Three points.

Course 2. Cicero De Senectute, De Amicitia. The writing of Latin prose based mainly on Cicero.

One-half year. Three hours. Three points.

Course 3. Horace. Odes, Epodes and Epistles.

One-half year. Three hours. Three points.

Course 4. Catullus, Tibullus, Propertius, Ovid.

One-half year. Three hours. Three points.

Course 5. Cicero's Letters. Pliny's Letters.

One-half year. Three hours. Three points.

Course 6. Latin Comedy. Selected plays of Plautus and Terence.

One-half year. Three hours. Three points.

Court 7. Oratory. (Seniors). Tacitus; Dialogus de Oratoribus. Cicero; De Oratore and Pro Milone.

One-half year. Three hours. Three points.

Course 8. Tacitus. Germania and Agricola.

One-half year. Three hours. Three points.

Course 9. Lucretius. (Seniors).

One-half year. Three hours. Three points.

Course 10. Latin Literature. Lectures and directed readings.

One-half year. Three hours. Three points.

GERMAN LANGUAGE AND LITERATURE

MARY W. GILL, A.B.
Professor of German Language and Literature

M. M. Patricia, Instructor

Course 1. Elementary Course. Pronunciation, grammar and easy reading. For Freshman and Sophomore Classes.

Three hours, throughout the year. Six points.

Course 2. Intermediate Course. Study of the grammar and reading of selected texts. For Freshmen who entered on elementary German.

Three hours, throughout the year. Six points.

Course 3. Modern Prose, narrative and dramatic exercises in German composition. For Freshmen who entered on minor German.

Three hours, throughout the year. Six points.

Course 4. Modern Prose Selections from the novelists and essayists of the nineteenth century with the study of syntax and practice in writing German. For students who have taken 2.

Three hours, throughout the year. Six points.

Course 5. Goethe and His Time. A survey of the life and works of Goethe, with a more detailed treatment of some of his representative writings and special study of Faust, Parts I and II. Open to Seniors.

Three hours, throughout the year. Six points.

Course 6. The German Drama of the Nineteenth Century, with special reference to Grillparzo and to Hebbel. Open to Juniors and Seniors.

Two hours, throughout the year. Four points.

Course 7. Teacher's Course. The most approved methods now employed in the teaching of modern languages, with discussion of reports on assigned topics. Open to Seniors who expect to teach German in secondary schools.

One hour, second semester. One point.

ITALIAN LANGUAGE AND LITERATURE

MARY W. GILL

Professor of Italian Language and Literature

Course 1. Elementary Course. Grammar, with written and oral exercises, reading and sight translation. Three hours a week. Open to Juniors. Six points. Three hours per week.

Course 2. Intermediate Course. Grammar, prose composition, reading at sight. First semester: Modern Authors. Second Semester: Classic Authors. Three hours per week. Six points.

Course 3. History of Italian Literature. In nineteenth century. The sonnets of Petrarch and the Tales of Boccaccio, also selections from the Divina Commedia of Dante will be read. Open to Seniors and Juniors. This course will not be given unless there is a sufficient number of students desiring it. Three hours per week. Six points.

FRENCH LANGUAGE AND LITERATURE

MARY W. GILL, A.B.
Professor of French Language and Literature

M. M. Incarnation, R.S.U., Soeur M. St. Jean, R.S.U., Instructors

Course 1. Elementary Course. Fraser and Squaire's French Grammar. Written and oral exercises founded on selected texts, dictation and memorizing. For those who did not offer French at entrance. Three hours. Six points.

Course 2. Advanced French Course. Grammar, composition, founded on selected texts. Dictation and memorizing. For students who entered on elementary French or for those who have taken its equivalent. Three hours. Six points.

Course 3. Study of Idioms and Composition. Francois's French Composition; Reading of selected texts. Dictation and memorizing. For students who entered on minor French. Three hours. Six points.

Course 4. General Course. Introductory to special literary courses. Readings from representative works of authors of the various periods will be taken in connection with a review of syntax and composition. For students who entered on major French, or for those who have taken course 2.

Course 5. **Study of the Drama and the miscellaneous literature of France in the second half of the seventeenth century.** Reading Cornéille, Moliére, Racine, La Fontaine, Bossuet, Fénelon, Mme. De Sevigne, etc. One hour a week devoted to composition and language work. For students who have taken 5, or 1 and 3, or for those who entered on advanced French. Three hours. Six points.

Course 6. French Literature in the first half of the Nineteenth Century. Chateaubriand, Lamartine, Hugo, Mussét, Dumas, George Sand, lectures, recitations, collateral readings. For Juniors and Seniors who have taken 6. Two hours. Four points.

Course 7. General Course. Introductory to the special literary courses. Readings from representative works of authors of the various periods will be taken in connection with a review of syntax and composition. For students who entered on Major French, and for those who have taken 2. Two hours. Four points.

HISTORY

JOHN GREENE
(Vice-President Board of Education, New York City)
Professor of History

Course 1. General European History. The aim of this course is to give a general outline of the development of Western Europe from the ninth century to the outbreak of the French Revolution. It includes a study of the principal institutions of the Middle Ages, such as the Church, Feudalism and the Mediaeval empires, followed by a study of the Renaissance, the Reformation, Religious and Political Wars, and the development of modern states. Required of all Freshmen.

Two hours, throughout the year; four points.

Course 2. English History. From Anglo-Saxon conquest to the reign of Queen Victoria. Special treatment of the growth of the constitution, the monarchy, the revolutions of the seventeenth century, the expansion and development of democracy.

Two hours, throughout the year; four points.

Course 3. The French Revolution and the Nineteenth Century. The political history of Europe since 1789. Spread of democratic principles; growth of the present political institutions of Europe. Achievement of national unity in Germany and in Italy. Colonial policies and problems of England, France, Germany and Russia and political development in Eastern Europe and in Asia and Africa.

Two hours, throughout the year; four points.

Course 4. History of the United States from 1787. A study of the formation and development of the constitution of the United States with special reference to controlling forces, such as the organization of parties, and the growth of democracy, the rise of the slave power, the political effects of the development of the West. Open to Juniors and Seniors.

Three hours, throughout the year; six points.

Course 5. American History. (a) Age of Discovery and Conquest. (b) The American Revolution. American history, including the period of the Revolution.

Three hours, throughout the year. Six points.

In the first semester, the discovery and exploration of the American continents, by the Spanish, English and French, will be treated in detail; to be followed by a study of the contest between the European powers for control in the New World. The second semester will be devoted to a careful consideration of the American Revolution, the causes which led to it and the results produced by it, in the Old World, as well as in the New World.

Three hours, throughout the year; six points.

ECONOMICS AND SOCIOLOGY

JOHN ALFRED BREWSTER
(A.B., Harvard)
Professor of Economics and Sociology

Sr. M. Xavier, O.S.U., Instructor

Course 1. Principles of Economics. An introductory discussion of the laws relating to the production and to the consumption of wealth. The subject matter will be developed by lectures, class discussions, assigned readings and by written reports upon special subjects. Two hours per week. Four points. Required. Sophomore Year.

Course 2. Economic History. The history of Europe and of the United States will be traced with reference to

the evolution and to the development of industrial organization and activity. Some of the topics studied will be the English manor, guilds, growth of towns, manufactures, the industrial revolution, the factory system, industrial combinations and modern economic changes. This course can be correlated with Course 1. Two hours per week. Four points. Required. Junior Year.

Course 3. Modern Economic Problems. This course is a concrete, practical discussion of recent economic developments. The subject will be introduced by lectures upon the general principles involved, the interrelation of the topics studied, and upon statistical methods of research. Some of the topics will be: industrial organization, labor and capital, trades unions, corporations, trusts, transportation systems and the industrial development of the South and West. Each student will choose, for special study, some phase or problem connected with the general economic situation. Two hours per week. Elective. Junior and Senior Years. Four points.

Course 4. Economic Theory. This course presupposes Courses 1 and 2. A critical and comparative study will be made of the important contributions to the economic theory by such writers as Adam Smith, John Stuart Mill, Ricardo, and of the leading exponents of the modern English, German and Austrian schools. Two hours per week. Elective. Junior and Senior Years. Four points.

Course 5. (a) **Finance, Banking and Railways.** (Not given in 1909-1910). (b) **The Tariff and Tariff History** in the United States. (Not given in 1909-1910.) Two hours per week. Elective. Senior Year. Four points.

Course 6. Principles of Sociology. Social theory, structure and evolution of society, the social process, the place of Sociology among sciences, methods and problems of Sociology, the social population, the family, the tribe, the town, the state, the philosophy of history, nature and stages of civilization, final conception of society. Two hours per week. Elective. Junior and Senior Years. Four points.

Course 7a. Social Ideals. An historical and comparative study of ideal commonwealths, typified by Plato's Republic and by the Utopia of More, Campanella, Bacon and other writers.

One hour per week throughout the year. Two points. Elective. Junior and Senior Years.

Course 7b. Socialism. A study of socialism as indicated by theories, proposed reforms and experiments of modern socialistic writers. In this course a reading knowledge of French and of German will be of assistance. One hour per week. Two points. Elective. Senior Year.

Course 8. Modern Social Conditions and Problems. Physical, psychological, moral and social status of dependent, delinquent and abnormal classes; dependent children, the unemployed, private relief, charity organizations, reformatories and prison methods. The study of the practical problems involved may be facilitated by visits to institutions in New York City, which is within easy reach of the college. Two hours per week. Four points. Elective. Junior and Senior Years.

PHILOSOPHY

REVEREND PATRICK A. HALPIN
Professor of Philosophy

Course 1. Formal Logic. Simple apprehensions and judgments. Reasoning. The Syllogism. Constructing and criticising Syllogisms. Other species of demonstrative arguments. Probable, indirect, fallacious reasoning. Method and exercise in reasoning. Two hours. Four points. Required. Senior Year.

Course 2. Critical Logic. Certainty. Truth and falsity. States of mind toward truth. Elements of certainty. The existence of certainty. Means of attaining certainty. The cognoscive powers. The intellect. Consciousness — primary ideas—analytical judgments—memory—reasoning

—sensation—inner sense—outer senses. Authority. Common sense. Ultimate criterion of certainty. Two hours. Four points. Required. Senior Year.

METAPHYSICS

Course 1. Ontology. The nature of being. Possible being. Essence and existence of beings. First principles derived from being. The categories. Substance. Accident. Cause and effect. The chief perfections of being. Two hours. Four points. Required. Junior Year.

Course 2. Cosmology. The origin of the world. The purpose and perfection of the world. Laws of the world. Elements of matter. Properties of bodies. One hour per week. Two points. Elective. Junior and Senior Years.

Course 3. Psychology. Specific nature of plants and animals. Life. Sensitive and rational cognition and appetite. Nature of human soul. Origin and destiny of human soul. Two points. One hour per week. Elective. Junior and Senior Years.

Course 4. Natural Theology. The existence of God. The essence of God. The physical and metaphysical essence of God. The perfect simplicity of God. The quiescent and operative attributes of God. The knowledge, will and power of God. Four points. Two hours per week. Elective. Junior and Senior Years.

MORAL PHILOSOPHY

Course 1. Human Acts and Their End. The last end. The attainment of the last end. The morality and accountability of human acts. The passions, virtues and vices. Conscience. The law and its sanction. Rights. Duties. Duties to God, to ourselves and to other men. Right of ownership. Modes of acquiring property. Wages of laborers. Domestic society. Marriage. Parental authority. Two hours per week. Four points. Required. Junior Year.

Course 2. Nature and Origin of Civil Society. End of civil government. Civil authority. Legislation. The judiciary. The executive. International conditions, relations and laws. Two hours per week. Four points. Required. Senior Year.

EDUCATION

LOUISE EMERY TUCKER
(A.B., Adelphi; A.M., Columbia; Principal Public School 163, Manhattan, New York City; Author Universal Series of School Readers)
Professor of Education

M. M. Ignatius, Instructor
(A.B., Normal College)

Note: A satisfactory record in a 250-hour course of work in this department entitles the graduate, without examination, to a State Certificate. This certificate is a teacher's license for any public school in New York State, with the exception of New York City, Rochester, Troy and Buffalo.

Any graduate who receives the above-mentioned State Certificate is eligible to take the New York City examinations for both elementary and secondary schools.

Course 1. History and Principles of Education. This course opens with a study of the meaning, aim, presuppositions and factors of education. It then takes up the History of Education, from earliest times to the present day. In connection with the educational history of each nation, there is a discussion of ideals, educational content, methods, writers and contributions, both negative and positive, to educational theory and practice. Under each educational leader, the man, his writings, educational ideas, and practical demonstration of those ideas, are discussed. The aim of the course is to reach, through the study of the subject matter, method and institutional organization of the education of the past, a practical basis for the historical, philosophical and

methodic study of the principles of education, as revealed in the educational systems of the present. Two hours. Four points. Required. Freshman Year.

Course 2. Educational Classics. The aim of this class is to study sources. The most celebrated writings of ancient, mediaeval and modern times constitute the text-books of this course. Special attention will be given to selections from Plato's Republic, Xenophon's Cyropaedia, Aristotle's Politics, Quintilian's Education of an Orator, The Talmud, St. Jerome's Letters on the Education of Girls, St. Augustine's Confessions and City of God, Thomas Aquinas's De Magistro, Erasmus's On the Order of Study, Ratio Studiorum of the Jesuits, Locke's Thoughts on Education, Rousseau's Emile, Herbart's Outlines of Educational Doctrine, and Spencer's What Knowledge Is of Most Worth. As far as possible, these sources will be studied in the original. This course is especially valuable to those intending to enter the teaching profession. Two hours. Four points. Open to students who have completed Course 1.

Course 3. Educational Psychology. A course in educational psychology which seeks to furnish a sound psychological basis for the study of educational theory and practice. Some of the topics discussed are sensation, perception, apperception, memory, habit, imagination, attention, interest, association, conception, judgment and reasoning. No attempt is made to study any part of psychology, except such parts as are essential to a well-grounded knowledge of the theory and art of teaching. For more detailed information in regard to this course, see "Syllabus of Education III, Psychology," which may be obtained upon application from the registrar of the college. Two hours. Four points. Required. Sophomore Year.

Course 4. Methods of Teaching. This course deals with the question of method in general, and with methods in the elementary school in particular. The historical,

psychological and philosophical basis of method are considered. Then the five formal steps in the art of teaching will receive careful consideration. Other topics to be discussed are: The value of types, model lessons, the curriculum, the physical inheritance of the child, the recitation, examinations, and the educational value of play. Lesson plans in all of the subjects of the curriculum will be written. Model lessons will be given from these lesson plans. Two hours. Four points. Elective. Junior and Senior Years. Supplemented by two hours per week of practical teaching. For further information in regard to this course, see "Syllabus of Education IV, Methods of Teaching." Two hours. Required. Junior Year.

Course 5. School Supervision and Management. This course is a study of the problems of school administration in different States and in the cities of the United States. In this part of the course, special attention will be given to the school systems of New York State and of New York City. The course also deals with the problem of discipline in the classroom. Truant and industrial schools, child labor and compulsory education laws, and methods of instruction for defective and backward children. Two hours. Four points. Elective. Senior Year. This course is especially useful to teachers who are preparing to take examinations for different City and State licenses.

Course 6. Special Methods of Teaching. This course deals with the problem of method in the elementary school. It takes up the subject matter of the average elementary curriculum and then studies methods of teaching arithmetic, algebra, grammar, composition, phonetics, history, civics, geography and physics. The course ends with four ten-lesson courses, each one of which is given by a New York City supervisor. The subjects with which these forty lessons deal are drawing, sewing, physical training and music. Three hours. Six points. Required. Senior Year, of all

students intending to take the New York City examinations for License Number 1.

Course 7. Methods in Secondary Schools. Special arrangements will be made for students who wish to prepare for teaching in secondary schools. Each student will study the subject which she is preparing to teach. Two hours per week. Four points. Elective. Senior year.

Course 8. Methods of Teaching English. This course will open with a review of the methods of teaching English in secondary schools. Types of literature, treatment of literary masterpieces, the problem of supplementary reading and of the correlation of the English with the other subjects in the curriculum, will be among the topics studied. The best modern authorities will be used as text-books. Similar courses will be arranged in whatever subjects are required. Two hours. Four points. Senior Year. Required for all students preparing to teach in secondary schools.

Course 9. Philosophy of Education. A special study of the basic principles underlying educational theory. Some of the topics discussed will be interest, correlation of studies, psychological and sociological bases of the curriculum. There will be a special study of the fitting of the individual to take her place in the industrial and social worlds. This course should be correlated with Course IX in Sociology. Two points. Senior Year. Required from all students who are preparing to teach in secondary schools.

CHRISTIAN APOLOGETICS

REVEREND PATRICK A. HALPIN
Professor of Christian Apologetics

M. M. de Sales, R.S.U., Instructor

Course 1. First Year. The Christian religion: Revelation, primitive, Mosaic, Christian; mysteries, criterion of certainty. The Bible: Its authority, authenticity, integrity, veracity. The Pentateuch and the sciences. Origin of man—

transformism—ambiguity and unity of the race. Authority of the Gospels, their integrity and veracity. Two hours per week. Freshman Year. Without credit. Required of all Catholic students.

Course 2. Second Year. Divinity of Christ. Miracle and prophecy proofs of divinity of Christ. Fruits of Christ's teaching. Holiness of Christ. Two hours per week. Without credit. Required. Sophomore Year of all Catholic students.

Course 3. Third Year. Christ's founding of the Church. The Church of Rome as Christ's Church. Notes of the Church. Indefectibility, authority, infallibility of the Church. Two hours per week. Junior Year. Without credit. Required of all Catholic students.

Course 4. Fourth Year. Relation between Church and State. Independence of spiritual power. Rights of the Church. Tolerance. Accusations against the Church. The Church and civilization. Two hours per week. Senior Year. Without credit. Required of all Catholic students.

BIOLOGY

THOMAS MANNING, M.D.
(Bellevue Medical College)
Professor of Biology

Course 1. General Botany. The character and relation of the leading groups of plants. The Cryptograms; the Algae; the Fungi; the Bryophytes; the Pteridophytes and the Spermatophytes will be studied. Lectures, recitations, laboratory and field work. Two points. Elective. All college years. Two hours of laboratory work per week will be required. The collection of an herbarium from the local flora is prescribed.

Course 2. Physiology of Plants from a Standpoint of Nutrition. This course will discuss plants and plant products from the standpoint of their nutritive value to animals

and to human beings. The component elements responsible for the nutritive value will also be considered. This course is valuable to any woman who has for her duty the ordering of food for a household or for a community. Two points. Elective. Sophomore and Junior years. Open also to special students.

Course 3. Comparative Anatomy and Embryology and Physiology. Dissection of vertebrates, with reference to a study of their various organs, in regard to structure, functions and systematic relations. Two points. Elective. Junior and Senior years. Supplemented by four hours per week of laboratory work.

Course 4. Advanced Physiology. Dissection, experiments and microscopic examination of tissues. Lectures, recitations and discussions. One point. Elective. Senior year.

PHYSICS

JOHN A. RYAN
(A.M., St. Francis Xavier; A.B. and Ph.D., Fordham)
Professor of Physics

M. M. Agnes, R.S.U., Instructor

Course 1. Elementary Physics. Mechanics, Sound, Light, Heat, Electricity and Magnetism. Lectures and recitations, two hours a week; laboratory practice, two and one-half hours a week. This course is intended for students who have not offered Physics at entrance. Four points.

Course 2. General Physics. Sound, Heat, Light, Electricity and Magnetism. Lectures, collateral reading, recitations and laboratory practice. For students who have had Elementary Physics. Two hours per week. Three hours of laboratory work. Four points.

Course 3. Mechanics and Properties of Matter. Lectures, fully illustrated by experiments, collateral reading and recitations. This course is of the same grade as Course 2

and presupposes Elementary Physics. Two hours per week. Elective. All years.

Course 4. Light. Lectures, experimental demonstrations and recitations. This course discusses the phenomena of wave propagation, double refraction, polarization and interference. Two hours per week. Four points. Elective. Junior and Senior years.

Course 5. Theoretical Physics. Selected topics, lectures, collateral reading, recitations. For students who have had Mathematics IV. Two hours per week. Four points. Elective. Junior and Senior years.

CHEMISTRY

JOHN A. RYAN
(A.M., St. Francis Xavier; A.B. and Ph.D., Fordham)
Professor of Chemistry

Course 1. General Chemistry. Occurrence, preparation and properties of the elements and their principal compounds. Laws of chemical combination, symbols and nomenclature, equations, atomic theory, valency, periodic law. All students are required to take this course or the corresponding course in Physics. Two hours. Four points. Sophomore Year.

Course 2. Qualitative Analysis. Practical methods of separating and recognizing the elements present in mixtures. A more detailed study of the properties and characteristic reactions of the metallic elements. Two hours. Four points. Elective. Junior and Senior Years.

Course 3. Organic Chemistry. A study of the saturated series, touching briefly on the unsaturated and benzine series. Experiments illustrating the behavior of representative substances. Open to students who have completed Course 1. Two hours. Four points. Elective. Senior Year.

Course 4. Lectures on the Application of Chemical

Facts and Principles to Common Life. For students who have taken Course 1. Two hours. Four points. Elective. Senior Year.

PHYSICAL TRAINING

RICARDO MANRIQUE
(Savage School of Gymnastics)
Professor of Physical Training
Susan B. Cassidy, Instructor

Course 1. Introductory. Floor work emphasizing carriage and co-ordination of muscles. Movements with apparatus, including boom-exercise, rope-climbing, progressive back and abdominal exercises, jumping, military marching, gymnastic games. Required for students of the Freshman Year.

Course 2. Aesthetic Gymnastics. Systematic exercises in arm and body movements, combined with dancing steps to develop co-ordination and grace. Required for students of the Sophomore Year.

Course 3. Fencing for Students of the Second Class. Juniors and Seniors who have done satisfactory work in 1 and 2. Second Semester. Elective.

Course 4. Special Gymnastics for students of Sophomore Class who are physically unable to take Course 1. Required.

Note: A course of six lectures upon personal conduct as affecting health is given by the College Physician; emphasis is placed upon dress, exercise, bathing, food, work, rest, etc. All Freshmen are obliged to attend.

COLLEGE TEAMS

Basketball, tennis and fencing teams will be organized, to take part in the intercollegiate tournaments. All college girls are expected to fit themselves to enter such tournaments and thus show a proper college spirit, and do their part towards upholding the honor of their college.

RIDING

The delightful situation of the College makes it possible for the students to become good horsewomen.

The course in riding consists of twenty ring lessons and fifteen road lessons. The price is inclusive of services of skilled riding masters, the use of safe, well-trained horses, saddles and riding skirts. The class will be chaperoned and the ring will be exclusively occupied during the lessons by young ladies from the College. The fare to and from the Academy is included in the price of the course.

Saddle horses may be obtained at the College for two dollars for single rides. Better arrangements may be made for students who desire to take two or more rides a week. Students may bring their own horses and have them boarded for twenty-five dollars per month. Competent chaperones will attend all students upon their rides.

ASTRONOMY

MARY W. GILL, A.B.
Professor of Astronomy

Course 1. Descriptive Astronomy. The celestial sphere. The solar system. The stellar system. Astrophysics. Lectures. Research work. Observations of Heavenly bodies. One point. Elective. Junior and Senior years.

Course 2. Observational Astronomy. A study of the surfaces of the sun, the moon and the planets. Lectures. Readings. Use of telescopes. One point. Elective. Junior and Senior years.

Course 3. Mathematical Treatment of General Astronomy. A study of the transit instruments. A study of orbits and the determination of time. The motion of the solar system. Prerequisite, Spherical Trigonometry and Course 1 in Astronomy. One point. Elective. Senior year.

MATHEMATICS

ANNA T. McLOUGHLIN
(A.B., St. Angela; A.M., Columbia)
Professor of Mathematics

M. Augustine, R.S.U., Instructor

Course 1. Solid Geometry. This course includes the subject matter presented by standard college texts; demonstration of theorems relating to lines and to planes in space; properties, areas and volumes of polyhedrons, cylinders, cones, frustra, spheres, spherical polygons and segments. Original exercises in the computation of areas and volumes are required. Three hours per week. Six points. Required. Freshman year.

Course 2. Advanced Algebra. This course presupposes a knowledge of quadratics. The subjects for advanced study will be chosen from such topics as progression, permutations and combinations, continued fractions, undetermined coefficients, determinants, series, logarithms, equations of higher degrees and theory of equations. Two hours per week. Four points. Required. Sophomore year.

Course 3. Trigonometry. Following a discussion of different systems of angle measurement, trigonometric functions will be defined and graphically illustrated. Logarithms will be applied to the solution of right triangles to be followed by a study of trigonometric equations, inverse functions, and the solution of oblique triangles. Spherical triangles and applications to Astronomy and to Navigation. Two hours per week. Four points. Elective. Junior and Senior years.

Course 4. Analytical Geometry. This course presupposes a knowledge of elementary Algebra, including quadratics, plane geometry and trigonometry. It will apply the principles developed by these subjects to the analytical investigation of the properties of straight lines, the circle, conic sections, the ellipse, the hyperbola, the parabola;

selected curves, such as the witch, cissoid, spiral of Archimedes and elementary properties of higher plane curves. Two hours per week. Four points. Elective. Junior and Senior years.

Course 5. Differential Calculus. The aim of this course is to present the fundamental concepts and methods of the differential calculus in a manner adapted to illustrate both its importance as an instrument of investigation and its excellence as typifying a higher mode of thought. It will be adapted to the needs of students and will treat such topics as functions, their notation and differentiation, simple applications of the derivative, successive differentiation, maxima and minima, indeterminate forms, partial differentiation, envelopes, series, expansion of functions, Taylor's theorem, Maclaurin's theorem, curves, applications to other fields of thought. Two hours per week. Four points. Elective. Junior and Senior years.

Course 6. Integral Calculus. A continuation of Course 5; derivation of formulae of integration, integration by rationalization, by parts, by substitution of a new variable; the definite integral, summation, applications to the calculation of lengths, areas and volumes, simple differential equations. Two hours per week. Four points. Elective. Junior and Senior years.

Course 7. History of Mathematics. A general view of the historical development of the elementary branches of mathematics (arithmetic, algebra, analytic geometry, trigonometry, differential and integral calculus) from ancient times to the present date. Mathematics in the nineteenth century. The purpose of this course is to show, to those who are preparing to teach mathematics, the evolution and usefulness of this science, and to enable them to trace the causes of its development or stagnation in various periods.

Course 8. Theory and Practice of Teaching Mathematics in Elementary and Secondary Schools. Lectures,

discussions and practice teaching in all grades of Elementary and Secondary Schools. The purpose of this course is to place before the prospective teacher the psychological principles underlying the teaching of all branches of elementary mathematics, and to discuss the best methods of presentation. The latest and best text-books in each branch are discussed. Two hours per week. Four points. Elective. Junior and Senior years.

DEPARTMENT OF LAW

JOHN G. AGAR, L.L.B.
Professor of Law

Course 1. General Information Course in Law. The aim of this course is to present to women, in concise, attractive form, all the legal knowledge necessary to the welfare of the average woman. Among the topics discussed will be the legal rights of married and single women; the relative rights of husband and wife, parent and child, guardian and ward, and the ownership of land. The drawing up of all legal papers, including the making of mortgages and wills, the transfer of property, and the extent of liability assumed by appending a signature to all the various kinds of legal documents will also be considered. The course will be illustrated by references to celebrated cases where imperfect legal knowledge in the case of women has caused hardship and injustice. One hour per week. Two points. Required. Senior year. Open to special students and to the general public upon payment of the regular fee.

MUSIC

Professor of Music to be Announced
M. M. Paul, O.S.U., and M. M. Stanislaus, O.S.U., Instructors

Course 1. Theory of Music. Lectures and divisional work in ear training, analysis and elementary harmony. Required of students receiving credit for practical courses. Two hours, throughout the year. Four points.

Course 2. Harmony. Diatonic and chromatic harmony in major and minor. Ear training. Keyboard drill, analysis, harmonizing of melodies, composition of simple pieces. For students who have taken Course 1 or its equivalent. Two hours a week. Four points. Elective. All years.

Course 3. Musical Form and Free Composition. The chief forms of music are studied, culminating in the Sonata. Lectures and recitations. For Seniors and Juniors who have taken Course 4. Two hours a week. Four points. Elective.

Course 4. Composition and Counterpoint. Detailed study of rhythm, melody, harmonic accompaniment, elements of form. Countrapointal treatment of voice parts. Imitation. The writing of preludes, etc. For students who have taken Course 3. Two hours a week. Four points. Elective.

Course 5. History. General history of music and musicians, with special emphasis on the great masters. For Juniors and Seniors. One hour a week. Two points. Elective.

Course 6. Musical Appreciation. A course designed to develop intelligence in listening to music. One hour a week. Two points. Elective.

Course 7. Theory and Practice of Teaching Music with Emphasis upon Teaching Music in Elementary Schools. For Seniors and Juniors not counted towards degree. One hour a week, one semester. One point. Required of students preparing to take License No. 1 in New York City.

PRACTICAL COURSES

Private work

Course 1. Pianoforte. General course, including technique, studies and pieces, adapted to the proficiency of the student. One or two lessons a week. Open to all students.

Course 2. Organ. Exercises for mastery of organ technique. Studies in church and concert pieces, choir accompaniments. One or two lessons a week.

Course 3. Violin Studies for Bowing, Intonation, Tech-

nique and Interpretation. Concert pieces, sonatas and concertos from the German, French and Italian schools. One or two lessons a week.

Course 4. Voice. General course in voice development, technique and interpretation; progressive vocal exercises, songs. One or two lessons a week.

Course 5. Sight-singing. Class drill with modulator, and in staff notation, with attention given to ear training, tone production and enunciation. This course does not count towards a degree.

Practical work, both vocal and instrumental, may be taken by all students. Such work, if advanced in character, and if accompanied by theoretical work for at least one year, will count towards a degree. Students wishing to have practical courses count, will be examined in quality of work previously done, ability to read music at sight and correctness of ear. Practical courses are subject to fees as stated on page 9.

In computing hours, six hours of practice and lessons a week count as two hours.

ART

M. M. DOLORES
Instructor in Art
(Private Courses)

Course 1. Drawing in outline from objects, castes and from life.

Course 2. Drawing in light and shade from castes and from life. Painting from still life.

Course 3. Drawing and painting from life modeling. Elements of composition. For students who have taken Course 2.

Course 4. Drawing and painting from life; landscape painting; modeling; advanced composition.

Course 5. Courses 2, 3 and 4 are subject to fees as stated on page 9.

DISCIPLINE OF THE COLLEGE

The students are under the supervision of the religious, though a certain amount of freedom is allowed in order to train them to self reliance. All Catholic students are obliged to attend Mass in the College Chapel on Sundays, and no student is allowed to leave the campus after six-thirty P. M. without special permission from the Dean.

SOCIAL LIFE

Various societies, literary, scientific and musical, give variety to the college life. The students meet in the parlors for a social hour after dinner every evening. There are other social occasions in the class receptions, and more public college receptions to which the friends of the institution are invited. This intercourse of the students is under the care of the Faculty, and it is the aim of the college to make it a means of social culture.

SORORITIES

In connection with many of the departments, sororities are organized under joint management of teachers and students. One of these clubs is the Alpha Alpha Society, which is confined to Juniors and Seniors. This is a philosophical society devoted to research work. Meetings are held bi-weekly, when a thesis is proposed which is defended and objected to by members named by the moderator.

The Dramatic Society aims to further interest in the study and production of the drama. Two plays are enacted each year, one in New York City in mid-winter and one on the college campus at the close of the college year.

Another sorority is the Educational Club. The aim of this club is to advance education. Meetings are held once a month, at which some prominent educator is the guest of honor. This club is under the direction of the Department of Education.

The Gymnasium and Field Association is open to all students. Its aim is to cultivate interest in physical education and outdoor sports.

EXTENSION DEPARTMENTS

Collegiate and Professional Courses

The College of Saint Angela maintains three Extension Departments. They are located as follows:

1st. Ursuline Academy, Park Avenue and 93d Street, Manhattan, New York City.

2d. Dominican Convent, Montrose and Graham Avenues, Brooklyn, New York.

3d. St. Patrick's Institute of the Sisters of Mercy, Albany, New York.

The aim of these Extension Departments is:

1st. To afford teachers and other extension students who are studying for a degree the opportunity of complying with the requirements, in regard to residence work.

2d. To offer review courses to teachers who are preparing for examination for any city license.

3d. To form a social and intellectual centre, where people from different parts of the country may meet for the interchange of ideas.

4th. To enable students to pursue high school work, and thus, either obtain a high school diploma, or make up deficiencies in their college entrance requirements.

Nearly four hundred students are studying in the various extension departments.

Mother Theresa, assisted by Louise E. Tucker, Professor of Education, directs these Extension Departments. Already three New York City teachers have completed the necessary sixty points and will receive their A.B. degrees from the College of Saint Angela in June, 1909. The 93d Street Extension Department is now open for registration for the winter of 1909-10.

SUMMER SCHOOL

This year, the Third Summer Session of the College of Saint Angela will be held at the Castle, in New Rochelle. The Summer School supplements the work of the Extension Department. The Faculty of the Summer Session for this year is as follows: Reverend Patrick A. Halpin, Professor

of Philosophy; Hon. John Greene (Vice-President of the Board of Education, New York City), Lecturer on History; Louise Emery Tucker (A.M., Columbia; Principal Public School 163, New York City), Professor of Education; John A. Ryan (A.M., St. Francis Xavier; A.B., and Ph.D., Fordham), Professor of Chemistry; Lydia M. Wilson (A.B., Vassar; A.M., Columbia), Lecturer in English and History; Ethel Marion Hadley (B.M., Smith), Lecturer in Music; Anna T. McLoughlin (A.B., St. Angela; A.M., Columbia). Professor of Mathematics.

The Summer Session will make a specialty, in 1909, of review work in Education, for candidates who desire to take the New York City Examination for License for Principal in New York City. In 1910 the specialty will be the preparation for the New York City Assistant Principal's or Head of the Department Examination, for the fall of 1910.

GRADUATES, COLLEGE OF SAINT ANGELA

The College of Saint Angela, after having been chartered four years, graduated its first class in June, 1908. In order that the practical efficiency training of the college may be understood, the following statistics of the first graduating class are given. There were nine graduates:—

1. Anna T. McLoughlin (A.M., Columbia, 1909; New York City License No. 1).
2. Mary McDonnell (teaching, public schools of New Rochelle, New York).
3. Elizabeth O'Farrell (A.M., Columbia University, 1909).
4. Mary F. Curran (teaching English in the high school at North Adams, Massachusetts).
5. Agnes Keating (License No. 1, teaching schools of New York City).
6. Marion Hennessey (License No. 1, teaching schools, New York City).
7. Cornelia Hannan (License No. 1, teaching schools, New York City).
8. Irene M. Jennings (License No. 1, teaching schools, New York City).
9. Hilda M. Thackeray (License No. 1, studying at Frohman Dramatic School).

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